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REMARKS:		Request for Corrected Filing Receipt November 14, 2008. Kindly review the			
Total Number of Pages (Including This One): 8					
FROM: Jonathan M. Harris, Direct Dial No. 713/238-8045					
DATE: February 10, 2009					
CLIENT/MATTER NO. 2333-01000					
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Electronic A	cknowledgement Receipt				
EFS ID:	4289682				
Application Number:	10597344				
International Application Number:					
Confirmation Number:	9538				
Title of Invention:	Method and Transmitter, Receiver and Transceiver Systems for Ultra Widebrand Communication				
-					
First Named Inventor/Applicant Name:	Po ShIn Francois CHIN				
Customer Number:	23505				
Filer:	David M. Wilson/Jennifer Ringer				
Filer Authorized By:	David M. Wilson				
Attorney Docket Number:	2333-01000				
Receipt Date:	14-NOV-2008				
Filing Date:	12-AUG-2008				
Time Stamp:	12:13:34				
Application Type:	U.S. National Stage under 35 USC 371				

## Payment information:

Submitted wit	h Payment	no	no						
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1 Request for Corrected Filing Receipt		01000REQUESTCORRECTEDFILI NGRECEIPT.pdf	206666 36ea93dda1392cbd225978120fb0e7e421d	no	. 5				
Warnings:			18584						

Total Files Size (in bytes):

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**New Applications Under 35 U.S.C. 111** 

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR -1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Po Shin Francois CHIN et al. §

Confirmation No.:

9538

I. A. Date:

January 20, 2004

Group Art Unit:

Serial No.:

10/597,344

Examiner:

Filed:

August 12, 2008

Atty. Docket No.:

2333-01000

For:

A System, A Transceiver Structure For Use Therein

Client Ref. No.:

FP3135/JC

Date: November 14, 2008

and a Method Of Processing Signals In Such A System

## REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents Application Assistance Unit PO Box 1450 Alexandria, VA 22313-1450

Sir or Madam:

Attached is a copy of the Official Filing Receipt received from the U.S. Patent and Trademark Office ("PTO") for the above-identified patent application of which issuance of a corrected Filing Receipt is respectfully requested. Please correct the first named inventor's name from "Francois Chin Po Shin" to - -Po Shin Francois CHIN- -. A markedup copy of the Filing Receipt is attached. Copies of an Application Data Sheet 37 CFR 1.76, Declaration, and the first page of International Publication Number WO 2005/069523 (all of which were submitted to the PTO on August 12, 2008) accompany this statement and reflect the above-mentioned request.

The correction requested is due to the U.S. Patent and Trademark Office's error and it is believed that no fee is required. If any fees are inadvertently omitted or if any additional fees are required or have been overpaid, please appropriately charge or credit those fees to Conley Rose, P.C. Deposit Account No. 03-2769.

Respectfully submitted,

/David M. Wilson/

David M. Wilson PTO Reg. No. 56,790 CONLEY ROSE, P.C. (713) 238-8000 (Phone) (713) 238-8008 (Fax) ATTORNEY FOR APPLICANTS



#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS PO. Box 1450 Alexadia, Viginia 22013-1450

**FILING RECEIPT** 

APPLICATION FILING or NUMBER 371(e) DATE UNIT FIL FEB RECD ATTY DOCKET.NO TOT CLAIMS IND CLAIMS 10/597,344 08/12/2008 2628 2880 2333-01000 53 4

**CONFIRMATION NO. 9538** 

23505 CONLEY ROSE, P.C. David A.: Rose P. O. BOX 3267 HOUST©N, TX 77253-3267

Date Mailed: 08/19/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filling Receipt, please submit a written request for a Filling Receipt Correction. Please provide a copy of this Filling Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filling Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filling Receipt incorporating the requested corrections

Applicant(s) Po Shin Francois CHIN

Francoio Chin-Pe Shin, Singapore, SINGAPORE;

Appukuttan Nair Saraswathy Amma Madhukumar, Singapore, SINGAPORE;

**Assignment For Published Patent Application** 

AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH, Singapore, SG

Power of Attorney: The patent practitioners associated with Customer Number 23505

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/SG2004/000021 01/20/2004

Foreign Applications

If Required, Foreign Filing License Granted: 08/15/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 10/597,344

Projected Publication Date: 11/27/2008

Non-Publication Request: No Early Publication Request: No

PTO/SB/14 (08-05)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

		4 07 OFD 4 7C			Attorney Docket Number				2333-01000			
Appli	Application Data Sheet 37 C		Application Number									
Title of Invention A Method And Transmitter, Receiver And Transceiver Systems For Ultra Wideband Communication												
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All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the <b>Add</b> button.												
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#### PCT/SG2004/000021

Sheet N	O	.1	 _

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nas. VIII. VIII (i) to (v)

On seneral) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

(in general) and the specific Notes to Box No. VIII (tv). If this Box is not used, this sheet should not be included in the request.
Declaration of inventorship (Rules 4.17(iv) and 51 <i>bis</i> .1(a)(iv)) for the purposes of the designation of the United States of America:
I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.
This declaration is directed to the international application of which it forms a part (if filling declaration with application).
This declaration is directed to international application No. PCT/ SG2004/000021 (if furnishing declaration pursuant to Rule 26ter).
I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.
I hareby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Mamber of the World Trade Organization, day, month and year of filling, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.
Prior Applications:
***************************************
I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.
Name: CHIN Po Shin, François
Residence: Singapore (city and either US state, if applicable, or country)
Mailing Address: . Blk 940. Hougang St 92.#13-19, Singapore.530940
***************************************
Citizenship: Singapore  Livenship: Signature:  Livenship: Signature:  Livenship: Signature:  Livenship: Signature:  Livenship: OLC 03 DU  Livenship: OLC 0
Name: MADHUKUMAR Appukultan Nair Saraswathy Amma
Residence:
Mailing Address: Bik 120 Jurong East St 13 #01-95, Singapore 600120
India
Chizenship: India
Inventor's Signature:  Off not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the figure of the agent)  Date:  Off May Cl. 2004.  (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)
This dealers then be continued on the following sheet. "Continuation of Box No. VIII (iv)".

Form PCT/RO/101 (declaration sheet (iv)) (January 2004)

See Notes to the request form

### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

#### (19) World Intellectual Property Organization International Bureau



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PCT

# (10) International Publication Number WO 2005/069523 A1

(51) International Patent Classification<sup>7</sup>: 13/04, 13/00

H04J 13/02,

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PCT/SG2004/000021

(22) International Filing Date: 20 January 2004 (20.01.2004)

(25) Filing Language:

English

(26) Publication Language:

**Bnglish** 

- (71) Applicant (for all designated States except US): AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 20 Biopolis Way, #07-01 Centros, Singapore 138668 (SG).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): CHIN, Po, Shin, Francols [SG/SG]; Blk 940 Hougang St 92, #13-19, Singapore 530940 (SG). MADHUKUMAR, Appukuttan, Nair, Saraswathy, Amma [IN/SG]; Blk 120 Jurong East St 13, #01-95, Singapore 600120 (SG).
- (74) Agent: WATKIN, Timothy, Lawrence, Harvey; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EB, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KB, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Burasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

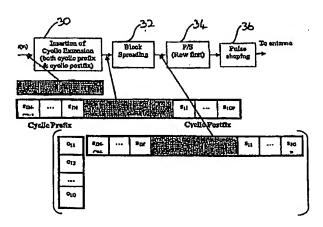
- of inventorship (Rule 4.17(iv)) for US only

#### Published:

- with international search report

[Cantinued on next page]

(54) Title: A SYSTEM, A TRANSCEIVER STRUCTURE FOR USE THEREIN AND A METHOD OF PROCESSING SIGNALS IN SUCH A SYSTEM



(57) Abstract: A system such as a code division multiple access (CDMA) system or an ultrawide band (UWB) system comprises a transmitter and a receiver. The transmitter includes a sequence extender for extending the incoming signal and a spreader for spreading the extended signal, the spreader input being coupled to the sequence extender output. A pulse shaper is coupled to the spreader output to provide a transmitter output signal. The transmitter output signal which has an associated chip rate is received by the receiver and is passed to a filter to select a number of input signals from the received signals. The signal is the passed to a sequence extension remover for removing a number of chips from the signal. The received signal is despread to a symbol rate which is less than the chip rate at which the received signal was spread prior to being received by the receiver. A frequency domain equalizer is provided to form a frequency equalized signal from the modified signal.

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RX REPORT \*\*\*\*\*\*\*

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